

# Chapter - 13

## DECISION SUPPORT ON EMERGENCY SITUATION

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## **ABSTRACT**

*Individuals and organizations must instantly alter their attention and focus to deal with emergency events, which strike without warning. Whenever disasters reach a big size, all of the restrictions stemming from a shortage of cooperation and communication among all of the participating entities become apparent, compounding the event's negative outcomes. Individuals who must work together and in large-scale disasters often have no prior experience doing so; they lack trust and understanding of one another's abilities, and the sum of assets they each bring to bear has never been used before. As a result, individual or group decision support systems (DSS) face a wide range of obstacles in emergency scenarios.*

### **Benefits**

- *Prevent deaths and injuries from occurring.*
- *Reduce the amount of damage to buildings, inventory, and equipment.*
- *Environmental and community protection Increase the speed with which normal operations can resume.*

## **INTRODUCTION**

Small and huge emergencies might strike at any time, forcing us to relinquish control. When our 5-year-old disturbs our everyday routine at home, then it's an emergency situation.

She trips over a discarded toy on her way to class, collapses, and injures herself.

When word arrives that the company will not make its expected earnings for the two quarter of FY, the mood in the office darkens, and the CEO declares that number of jobs will be lost.

There are emergency situations that are man-made, purposeful, or unintended.

Rare and catastrophic natural catastrophes, such as the Sumatra–Andaman earthquake, which struck it off west coast of Sumatra, Indonesia, on December 26, 2004, generated a series of devastating tsunamis..

## **LITERATURE REVIEW**

Ecommerce has been developing and improving its stages and ways of working in Indian economy since the last 20's. It has been seen growing and capturing the market being used by atleast single person in any family might be in neighbours or around the

locality. Allowing different – different advantages for the consumer and from the sellers perspective. It made sales and purchase easy within just single swipe of the finger.

## **RESEARCH METHODOLOGY**

Only English-language articles published in different journals are included in the analysis. Although the suggested search approach yielded a total of 8493 articles, not all of them were relevant to the current study. A manual selection method based on the titles, introductions, and entire contents of the eligible publications was used to eliminate irrelevant studies. Finally, 303 EDM-related articles were saved for further research. The full records of the selected papers were exported in clear text for bibliometric purposes, comprising author, nation, title, abstract, citation track, and author affiliation.

## **DATA ANALYSIS / FINDINGS AND DISCUSSIONS**

1. School of Management, Shanghai University, Shanghai, 200444, People’s Republic of China

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2. School of Economics and Management, Tongji University, 1239 Siping Road, Shanghai, 200092, People’s Republic of China

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3. College of Economics and Management, China Jilian University, Hangzhou, 310018, People’s Republic of China

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## **CONCLUSION**

We presented a full summary and clearly illustrated analysis of the EDM literature produced from 2010 and 2020 in this post. To continue the literature survey and extensive examination, a number of 303 published articles were identified. According to the publication trend, the lot of articles about EDM surged significantly after 2014, with the bulk of publications appearing in the last five years. Based on the total publications and total citations, China dominates the study area, according to the

collaboration network study. According to average citations, Turkey has the most influence in EDM. According to total publications, Wuhan University of Technology is the most productive university in the EDM area; according to total citations, Sichuan University has drawn the greatest attention from EDM scholars. According to total publications and overall citations, Xu Xuanhua is by far the most prolific and important author. Several significant research groups have been formed so far, but communication between them is poor and scholarly communications are scarce.

## **RECOMMENDATIONS & SUGGESTIONS**

From my point of view I would suggest ecommerce to for improving the sales they need to focus much on few particulars:

- Building Brand Awareness
- Marketing over email marketing
- Being in touch with the consumers and the visitors
- Keeping the track of the people who visits

## **BIBLIOGRAPHY**

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2. [https://www.researchgate.net/publication/357041687\\_Emergency\\_situations](https://www.researchgate.net/publication/357041687_Emergency_situations)
3. <https://www.researchgate.net/search/Search.html?type=publication&query=DECISSION%20SUPORT%20ON%20EMERGENCY%20SITUATION>